

## Mass & Weight Type 3

Using the knowledge that you have gained from your notes and the previous lab activity, answer the following questions on Type 3 paper. Be sure to answer in complete sentences and make sure your name is on it.

Part 1: The mass of a pencil is 5 grams on Earth. How would you find the mass of the pencil on the moon? Use evidence to support your answer.

Part 2: The weight of a pencil is 49 Newtons on Earth. What would the weight of the pencil on the moon be? Use evidence to support your answer. (Remember, the surface gravity of the moon is  $1.62 \text{ m/s}^2$ ).

Part 3: Why is weight expressed in Newtons instead of pounds in science?

FCA's

Part 1: Answered completely with evidence. \_\_\_\_\_ points / 20

Part 2: Answered completely with evidence. \_\_\_\_\_ points / 20

Part 3: Answered using logic and keywords. \_\_\_\_\_ points / 10